



TRI FORM R REPORTS

As a result of the <u>TRI Reporting Forms Modification Rule</u>, beginning in <u>reporting year</u> 2005, the <u>Toxics Release Inventory Program</u> is no longer collecting <u>latitude</u> and <u>longitude</u> data or EPA program ID data (including Resource Conservation and Recovery Act (RCRA) IDs, National Pollutant Discharge Elimination System (NPDES) IDs and Underground Injection Code (UIC) IDs) via the FORM R or FORM A Certification Statement. However, this data will still be made available to TRI data users and will be included in TRI data Reports. For those Reports, this data will be obtained from the <u>Facility Registry System (FRS)</u>. Latitude and longitude coordinates used to represent TRI facilities are chosen from the FRS using the <u>"Pick Best"</u> Process. <u>Primary permitting systems supply FRS with the program IDs</u> that are used to represent TRI facilities. The FRS data that are being used to represent this facility are:

Reference Point/Description Latitude Longitude Collection Method Accuracy Value

inaivene		- January and American	-1	**************************************	
N/A	N/A	N/A		30	

RCRA ID Numbers

NO DATA

NPDES Permit Numbers

NO DATA

Underground Injection Well Code (UIC) ID Numbers

NO DATA

To correct the FRS latitude, longitude or program ID values click on the "Report an Error" button in the top right corner of this page. Facilities wishing to correct other data elements with the FORM R or FORM A should refer to <u>How to Revise TRI Data</u>.

For more information, see <u>Collection of Latitude</u>, <u>Longitude and Program ID Data Has Been Discontinued</u>.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1314212692432

Facility Registry System ID: 110040612717

Section 1. Reporting Year

Reporting Year: 2014

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

<u>CERTIFYING</u> <u>OFFICIAL'S NAME</u>	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
KRISTEN MARIUZZA	MANAGER - ENVIRONMENT, HEALTH & SAFETY	Electronic	25-JUN-15

Section 4. Facility Identification

TRI Facility ID: 4981WGLMNL4547C

4.1 Facility Name and Address.

Facility Information

NAME	STREET	<u>CITY</u>	COUNTY	STATE	ZIP CODE
EAGLE MINE LLC- HUMBOLDT MILL	4547 COUNTY RD 601	CHAMPION	MARQUETTE	MI	49814

BIA Tribal Code Tribe

NO DATA NO DATA

Mailing Information

<u>NAME</u>	STREET	<u>CITY</u>	STATE	ZIP CODE
EAGLE MINE LLC-HUMBOLDT MILL	4547 COUNTY RD 601	CHAMPION	MI	49814

PROVINCE	COUNTRY	(NON	<u>- US)</u>
NO DATA	NO D	ATA	

4.2 Facility Classification

:	ENTIRE FACILITY	I I I I I I I I I I I I I I I I I I I	FEDERAL FACILITY	GOCO FACILITY
	YES	NO	NO	NO

4.3 Technical Contact

NAME PHONE	PHONE EXT.	<u>EMAIL</u>
AMANDA ZEIDLER 9063397000		AMANDA.ZEIDLER@LUNDINMINING.COM

4.4 Public Contact

NAME	PHONE	<u>EMAIL</u>
KRISTEN MARIUZZA	9063397000	KRISTEN.MARIUZZA@LUNDINMINING.COM

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
212234	YES	Copper Ore and Nickel Ore Mining

4.7 Dun & Bradstreet Numbers

DUNS NUMBER NA

5 Parent Company Information

Parent Company Name: No US Parent Company

Parent Company DUNS Number:

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1314212692432

Section 1. Toxic Chemical Identity

1.1 CAS Number: N420

1.2 Toxic Chemical or Chemical Category Name: LEAD COMPOUNDS

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

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## Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

### Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO Import: NO On-Site Use/Processing: NO

Sale/Distribution: NO Byproduct: NO Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO Formulation Component: NO Article Component: NO Repackaging: NO Impurity: NO

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO Manufacturing Aid: NO Ancillary or Other Use: YES

### Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 1000 to 9999

#### Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

#### **5.1** Fugitive or Non-Point Air Emissions

NA TOTAL RELEASE (pe	er year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	0	Pounds	E1 - Emission Factor, Published

#### 5.2 Stack or Point Air Emissions

NA TOTAL RELEASE (per	<u>year) UNI</u>	IT OF MEAS	URE BASIS OF ESTIMATE
NO	0	Pounds	E1 - Emission Factor, Published

#### 5.3 Discharges to Receiving Streams or Water Bodies

NA	STREAM/WATER BODY NAME	REACH Code	TOTAL RELEASE (per year)	<u>UNIT OF</u> MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
.1	MIDDLE BRANCH ESCANABA RIVER	04030110000336	.4	Pounds	M2 - Monitoring, Periodic/Random	

### 5.4-5.5 Disposal to Land Onsite

### **5.4.1** Underground Injection Onsite to Class I Wells.

NA TOTAL	RELEASE (	(per year)	UNIT	OF ME	ASURE	BASIS (	OF ESTIN	MATE
YES	and the second s	name the first track and the sales and the s	. 5			THE RESIDENCE OF THE PROPERTY		erica e con cata en enecimo e anecen.

### 5.4.2 Underground Injection Onsite to Class II-V Wells.

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#### 5.5 Disposal to Land Onsite

#### 5.5.1A RCRA Subtitle C Landfills

NA TOTAL REL	EASE (per year) UI	NIT OF MEASURE	BASIS OF ESTIMATE	
			T. C	

YES

#### 5.5.1B Other Landfills

NA TOTAL RELEASE (pe	r year) UNIT OF N	<u> IEASURE BASI</u>	S OF ESTIMATE
YES			

## 5.5.2 Land Treatment/Application Farming

NA TOTAL RELEASE (pe	r year) UNIT OF ME	EASURE BASIS	OF ESTIMATE
YES			

#### 5.5.3A RCRA Subtitle C Surface Impoundments

NA TOTAL RELEASE (per year)	<b>UNIT OF MEASURE</b>	BASIS OF ESTIMATE
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### 5.5.3B Other Surface Impoundments

Symptomorphism	A CALL CONTRACTOR OF THE PROPERTY OF THE PROPE	anamanan ka			
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INA	TOTAL RELEASE (per	vear	UNIT OF MEASUR	E DASIS (	JE ESTEMATE
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NO	, , , , , , , , , , , , , , , , , , ,	6000	Pounds	C Mass R	alance Calculations
INC	***	0000	1 Ounus	C - Mass D	manice Calculations

#### 5.5.4 Other Disposal

NA TOT	TAL RELEASE (per yea		NIT OF MEASURE	BASIS OF ESTIMATE
NO		78	Pounds	O - Other Approaches

#### Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

### 6.1 Discharges to Publicly Owned Treatment Works (POTWs)

0- POTW NAME: NO DATA	ADDRESS: NO DATA
	STATE: NO DATA
COUNTY: NO DATA	ZIP CODE: NO DATA

TOTAL TRANSFERS (	per year) UNIT OF M	IEASURE BASIS OF ESTIMATE
NO DATA		NO DATA

#### **6.2** Transfers to other Off-Site Locations

6.2.1	RCRA Number: NA	Parent Company Controlled:
V . 4 . 1	ICION NUMBER. INA	NTO

Name: MARQUETTE COUNTY SOLID WASTE MANAGEMENT Address: 600 COUNTY ROAD

AUTHORITY NP

City: MARQUETTE State: MI

Zip Code: 49855 **County: MARQUETTE** 

http://ofmint.rtpnc.epa.gov/enviro/tri formr partone.get thisone?rpt_year=2014&dcn_num=1314212692... 11/4/2015

### Country Code (Non - US):

#### Province:

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
.1	PAllnag	M2 - Monitoring, Periodic/Random	M64 - Other Landfills
promover promover a menor common a menor common a menor common co			P91 - Other Landfills

#### Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: GASEOUS

7A.1b. <u>WAST</u>	E TREATM	ENT METI	HOD(S	) SEQU	ENCE
1 2107 - 1	OTHER AIR I	EMISSION	TREAT	MENT	

7A.1d. Waste Treatment Efficiency Estimate: Greater than 50% but less than or equal to 95%

7A.2a. Waste Stream: WASTEWATER

7A.2b.	WASTE TREATMENT METHOD(S) SEQUENCE
1	H071 - Chemical reduction with or without precipitation
2	H123 - Settling or clarification
3	H101 - Sludge treatment and/or dewatering
4	H129 - Other treatment

7A.2d. Waste Treatment Efficiency Estimate: Equal to or greater than 0% but less than or equal to 50%

7A.3a. Waste Stream: GASEOUS

7A.3b.	WASTE TREATMENT METHOD(S) SEQUENCE	and the second second
1	A06 - MECHANICAL SEPARATION	

7A.3d. Waste Treatment Efficiency Estimate: Greater than 99% but less than or equal to 99.99%

Section 7B. On-Site Energy Recovery Processes

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Section 7C. On-Site Recycling Processes

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ON	SIT	E ]	REC	CYCI	ING	PRO	OCES	SES
				***************************************		*****		
$\cdot$ NA								i

## Section 8. Source Reduction and Recycling Activities

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SECTION	TYPE OF QUANTITY	UNITS	PRIOR YEAR	REPORTING YEAR	FOLLOWING YEAR	FOLLOWING YEAR
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	NA	6078.4	12500	12500
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	Pounds	NA	.1	.2	.2
8.1d	Total other off-site disposal or other		NA	NA	NA	N.A
	releases		······································	dimensional control of the control o		
8.2	Quantity Used for Energy Recovery Onsite	and and a standard of the stan	NA	NA	NA NA	NA NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	N/
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	N/

8.8 One-Time Event Release: NA

8.9 Production Ratio □ or Activity Ratio ☑:

### 8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	$\frac{\text{METHOD}}{1}$	METHOD 2	$\frac{\text{METHOD}}{3}$	ESTIMATED ANNUAL REDUCTION
NA		vanamente en	MARINA MARIAMANA MARIAMANA MARIAMANA	

# 8.11 Additional Data Indicator: NO

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

	NPYF No Prior Reporting Year Form DQA comment	This was the first year of production at the facility, therefore no previous reporting was required.
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